



PTO/SB/08A (10-01)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Express Mail No. EV554216114US

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Sheet 1 of 9

Complete If Known

Application Number	10/764,741
Filing Date	January 26, 2004
First Named Inventor	Michael Ehrhart
Art Unit	2876
Examiner Name	Le, Thien Minh
Attorney Docket Number	283-300 Con2

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	U.S. Publication No. 2002/0170970 A1/ U.S. Patent Application No. 10/143,158 (Copy of February 27, 2004 Office Action attached)	Publication Date: 11- 21-2002 Filing Date: May 10, 2002	Michael Ehrhart	
	AB	U.S. Patent Application No. 10/143,158 filed May 10, 2002. (Copy of December 28, 2004 Office Action attached)	Filed 05-10-2002	Michael Ehrhart	
	AC	U.S. Patent Application No. 10/958,779 filed October 5, 2004.	Filed 10-05-2004	Ynjun Wang	
	AD	U.S. Patent Application No. 11/174,447 filed June 30, 2005.	Filed 06-30-2005	Ynjun Wang	
	AE	US-2001/0055422 A1	12-27-2001	Roustael	
	AF	US-2002/0039099 A1	04-04-2002	Harper	
	AG	US-2002/0171745	11-21-2002	Michael Ehrhart	
	AH	US-3,884,888	08-15-1972	Christie et al.	
	AI	US-3,801,775	04-02-1974	Acker	
	AJ	US-3,902,047	08-26-1975	Tyler et al.	
	AK	US-4,020,463	04-26-1977	Himmel	
	AL	US-4,286,255	08-25-1981	Siy	
	AM	US-4,335,303	06-15-1982	Call	
	AN	US-4,387,298	06-07-1983	Petersen et al.	
	AO	US-4,499,372	02-12-1985	Nakano	
	AP	US-4,530,584	07-23-1985	Schmidt	
	AQ	US-4,544,084	10-01-1985	Felder	
	AR	US-4,562,592	12-31-1985	Chainer et al.	
	AS	US-4,588,211	05-13-1988	Greene	
	AT	US-4,581,762	04-08-1986	Lapidus et al.	
	AU	US-4,656,591	04-07-1987	Goldberg	
	AV	US-4,760,248	07-26-1988	Swartz, et al.	
	AW	US-4,776,464	10-11-1988	Miller et al.	
	AX	US-4,794,239	12-27-1988	Allals	
	AY	US-4,832,204	05-23-1989	Handy et al.	
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	BA	US-4,855,842	08-08-1989	Hayes et al.	
	BB	US-4,858,000	08-15-1989	Lu	
	BC	US-4,868,757	09-19-1989	Gil	
Examiner Signature	T. L. E		Date Considered	12/24/2005	

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Attorney Docket Number	283-300 Con2

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	BD	US-4,873,428	10-10-1989	Sama et al.	
	BE	US-4,877,948	10-31-1989	Krueger	
	BF	US-4,877,949	10-31-1989	Danielson et al.	
	BG	US-4,924,078	05-08-1990	San' Anselmo et al.	
	BH	US-4,948,955	08-14-1990	Lee et al.	
	BI	US-4,972,494	11-20-1990	White et al.	
	BJ	US-4,983,818	01-08-1991	Knowles, Carl H.	
	BK	US-5,010,241	04-23-1991	Butterworth	
	BL	US-5,019,699	05-28-1991	Koenck	
	BM	US-5,038,391	08-06-1991	Yamaguchi	
	BN	US-5,039,847	08-13-1991	Morii et al.	
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	BQ	US-5,054,102	10-01-1991	Gaborski	
	BR	US-5,102,110	04-07-1992	Reynolds	
	BS	US-5,103,489	04-07-1992	Miette	
	BT	US-5,119,433	08-02-1992	Will	
	BU	US-5,120,940	06-09-1992	Willis	
	BV	US-5,134,669	07-28-1992	Keogh et al.	
	BW	US-5,138,140	08-11-1992	Siemiakowski et al.	
	BX	US-5,138,141	08-11-1992	Blanford et al.	
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	CD	US-5,237,625	08-17-1993	Yamashita et al.	
	CE	US-5,243,655	09-07-1993	Wang	
	CF	US-5,260,554	11-09-1993	Grodevant, Scott R.	
	CG	US-5,282,823	11-16-1993	Battlerman et al.	
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	CI	US-5,278,399	01-11-1994	Sano	
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	CM	US-5,296,960	03-22-1994	Ellingson et al.	

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Art Unit	2876
Examiner Name	Le, Thien Minh
Attorney Docket Number	283-300 Con2

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Jee	CN	US-5,299,116	03-29-1994	Owens et al.	
	CO	US-5,301,243	04-05-1994	Olschafskie et al.	
	CP	US-5,304,423	04-19-1994	Niknafs et al.	
	CQ	US-5,304,788	04-19-1994	Pavidis et al.	
	CR	US-5,305,122	04-19-1994	Hayashi et al.	
	CS	US-5,307,423	04-26-1994	Gupta et al.	
	CT	US-5,313,051	05-17-1994	Brigida et al.	
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	CV	US-5,331,151	07-19-1994	Cochran et al.	
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	CX	US-5,337,361	08-09-1994	Wang et al.	
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	CZ	US-5,365,048	11-15-1994	Komiya et al.	
	DA	US-5,375,226	12-20-1994	Sano et al.	
	DB	US-5,378,883	01-03-1995	Batterman et al.	
	DC	US-5,392,447	02-21-1995	Schlack et al.	
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	DT	US-5,489,158	02-06-1996	Wang et al.	
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	DV	US-5,498,992	03-05-1996	Madan et al.	
Le	DW	US-5,504,322	04-02-1996	Pavidis et al.	

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Art Unit	2876
Examiner Name	Le, Thien Minh
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	DX	US-5,504,387	04-02-1998	Arackellian et al.	
	DY	US-5,508,697	04-09-1998	Li et al.	
	DZ	US-5,508,818	04-16-1998	Hamma	
	EA	US-5,513,017	04-30-1996	Knodt et al.	
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	ED	US-5,550,364	08-27-1998	Rudeen	
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	EF	US-5,557,091	09-17-1998	Krummel	
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	EH	US-5,557,519	09-17-1998	Morita et al.	
	EI	US-5,570,135	10-29-1998	Gove et al.	
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	EK	US-5,581,638	12-03-1998	Skinger	
	EL	US-5,591,955	01-07-1997	Laser	
	EM	US-5,591,956	01-07-1997	Longacre, Jr. et al.	
	EN	US-5,598,007	01-28-1997	Bunce et al.	
	EO	US-5,602,382	02-11-1997	Uhr et al.	
	EP	US-5,607,187	03-04-1997	Salive et al.	
	EQ	US-5,617,481	04-01-1997	Nakamura	
	ER	US-5,627,915	05-06-1997	Rosser et al.	
	ES	US-5,635,694	06-03-1997	Tuhro	
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	EV	US-5,644,408	07-01-1997	Li et al.	
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	FC	US-5,702,059	12-30-1997	Chu et al.	
	FD	US-5,703,349	12-30-1997	Metanetics Corporation	
	FE	US-5,703,349	12-30-1997	Meyerson et al.	
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	FG	US-5,708,515	01-13-1998	Nishiura	

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	FH	US-5,710,419	01-20-1998	Wang et al.	
	FI	US-5,714,745	02-03-1998	Ju et al.	
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	FK	US-5,728,981	03-10-1998	Ylivero et al.	
	FL	US-5,734,153	03-31-1998	Swartz et al.	
	FM	US-5,756,981	05-26-1998	Roustael et al.	
	FN	US-5,760,382	06-02-1998	Li et al.	
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	FS	US-5,780,834	07-14-1998	Havens et al.	
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	GI	US-5,844,227	12-01-1998	Schmidt et al.	
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	GK	US-5,867,595	02-02-1999	Cymbalski	
	GL	US-5,880,453	03-09-1999	Wang et al.	
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	GN	US-5,892,824	04-06-1999	Beatson et al.	
	GO	US-5,914,476	06-22-1999	Gerst, III et al.	
	GP	US-5,917,925	06-28-1999	Moore	
	GQ	US-5,917,945	06-29-1999	Cymbalski	

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	GR	US-5,920,056	07-08-1999	Bonnet	
	GS	US-5,929,418	07-27-1999	Ehrhart et al.	
	GT	US-5,938,609	08-10-1999	Matsuoka et al.	
	GU	US-5,942,743	08-24-999	Schmidt et al.	
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	GW	US-5,949,052	09-07-1999	Longacre, Jr. et al.	
	GX	US-5,949,053	09-07-1999	Zlotnick	
	GY	US-5,949,057	09-07-1999	Feng	
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	HA	US-5,965,863	10-12-1999	Welch Allyn, Inc.	
	HB	US-5,974,202	10-26-1999	Wang et al.	
	HC	US-5,990,744	11-23-1999	Nagaraj	
	HD	US-5,992,744	11-30-1999	Smith et al.	
	HE	US-5,992,753	11-30-1999	Xu	
	HF	US-6,000,812	12-14-1999	Xu	
	HG	US-6,002,491	12-14-1999	Li et al.	
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12/24/2005

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Sheet 7 of 9

Complete If Known

Application Number	10/764,741
Filing Date	January 26, 2004
First Named Inventor	Michael Ehrhart
Art Unit	2876
Examiner Name	Le, Thien Minh
Attorney Docket Number	283-300 Con2

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Sheet

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9

Complete if Known

Application Number	10/764,741
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Filing Date	January 26, 2004
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First Named Inventor	Michael Ehrhart
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Art Unit	2876
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Examiner Name	Le, Thien Minh
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Attorney Docket Number	283-300 Con2
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U.S. PATENT DOCUMENTS

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Sheet 9 of 9

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Application Number	10/764,741
Filing Date	January 26, 2004
First Named Inventor	Michael Ehrhart
Art Unit	2876
Examiner Name	Le, Thien Minh
Attorney Docket Number	283-300 Con2

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
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	LF	JP	2000/050028 (English translation of Abstract only)	A2	02-18-2000	NEC Corp.		
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[Signature]	LM	WO	03/081520	A1	10-02-2003	Symbol Technologies, Inc.		
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[Signature]	LO	WO	2004/084382	A1	07-29-2004	Symbol Technologies, Inc.		

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Application Number	10/784,741
Filing Date	January 26, 2004
First Named Inventor	Michael Ehrhart
Art Unit	2876
Examiner Name	Le, Thien Minh
Attorney Docket Number	283-300 Con2

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
LM	LP	GONZALEZ; WOODS, "Digital Image Processing," Library of Congress, 10 pg. article, pages 418- 425 and pages 452-457; Copyright 1992 by Addison Wesley Publishing Company, Inc.	
LM	LQ	International Search Report for International Patent Application No. PCT/US02/15095 dated February 12, 2002.	

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